

PINK BOLLWORM PROGRAM – WEEKLY REPORT

40 YEARS OF SERVICE TO COTTON GROWERS



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Week Ending June 02, 2007

Pink Bollworm Activities

Southern California:

Native Pink Bollworm captures decreased 26% from last week. There were 14,483 native moths captured from 366 total traps, bringing the season total to 129,548 Native Pink Bollworm finds. There are also 102 Boll Weevil traps in operation that have detected zero (0) Boll Weevils. Aerial release of sterile moths over Southern CA cotton is set to begin on June 03. Beginning the week of June 04, all traps containing Pink Bollworm moths will be shipped to Shafter field office for identification by Senior Economic Entomologist Dan Keaveny and his staff.

San Joaquin Valley:

Mapping crews have completed preliminary mapping in the San Joaquin Valley. The total cotton acreage in the San Joaquin Valley is 428,340 acres. This is a 19% decrease from 2006 and 36% decrease from 2005 cotton. In the last two years cotton acreage has dropped 238,000 acres. Pima cotton acreage will be identified by trapping crews as they deploy their Pink Bollworm traps. General detection trapping in the San Joaquin Valley is set to begin June 18th. 2 trappers began setting out general detection traps in Kern County south of Seventh Standard Road on May 29th. This area of the San Joaquin Valley generates the most heat units and thus has the potential for the most generations. The cotton south of Seventh Standard Road will receive one Pink Bollworm trap per every 60 acres. The area from Seventh Standard Road up to Township 17 will receive one trap per 80 acres, and all cotton north of Township 17 receives one trap per every 100 acres of cotton.

The 2007 Pink Bollworm heat unit model is running about 12-14 days, on average, ahead of 2006. Peak emergence of over-wintering moths in Shafter is predicted to be on June 7th, with the first in-field generation expected to be around July 17th. A total of 12,189,400 sterile moths were received and released for the week, bringing the season release total to 52,175,544. The 78 early detection traps in place have detected 3,872 sterile Pink Bollworm moths and zero (0) Native Pink Bollworm moths.

Sacramento Valley:

The latest heat unit projections indicate mapping and trapping will begin in mid August. Tehama County reported the presence of one 100-acre field 5 miles south of the city of Red Bluff.